Smart Skies				
2004 Science				
Grade Level Expectations  Louisiana Science				
State	Standards			
Otato	Otaridards	Use consistency and precision in data collection		
ΙA	SCI 5 SI 8	analysis, and reporting		
	001.0.01.0	Construct, use, and interpret appropriate		
		graphical representations to collect, record, and		
		report data (e.g., tables, charts, circle graphs,		
		bar and line graphs, diagrams, scatter plots,		
LA	SCI.5.SI.11	symbols)		
		Compare, calculate, and graph the average		
		speeds of objects in motion using both metric		
LA	SCI.5.PS.7	system and U.S. system units		
		Demonstrate a change in speed or direction of		
		an object's motion with the use of unbalanced		
LA	SCI.5.PS.9	forces		
		Compare, calculate, and graph the average		
		speeds of objects in motion using both metric		
LA	SCI.5.PS.7	system and U.S. system units		
		Demonstrate a change in speed or direction of		
	201 - 20 0	an object's motion with the use of unbalanced		
LA	SCI.5.PS.9	forces		
	Compart Clair			
State	Standards			
		Construct, use, and interpret appropriate		
		graphical representations to collect, record, and		
		report data (e.g., tables, charts, circle graphs,		
		bar and line graphs, diagrams, scatter plots,		
LA	SCI.6.SI.11	symbols)		
		Construct and analyze graphs that represent		
		one-dimensional motion (i.e., motion in a		
		straight line) and predict the future positions and		
LA	SCI.6.PS.14	speed of a moving object		
	001 0 00 10	Compare line graphs of acceleration, constant		
LA	SCI.6.PS.16	speed, and deceleration		
		Construct and analyze graphs that represent		
		one-dimensional motion (i.e., motion in a		
A	SCI & DC 44	straight line) and predict the future positions and		
LA	301.0.23.14	speed of a moving object  Explain why velocity is expressed in both speed		
	SCI.6.PS.15	and direction		
Ι Λ		TADO OFFICION		
LA	301.0.1 3.13			
		Compare line graphs of acceleration, constant		
LA LA	SCI.6.PS.16			
	LA  LA  LA  State	State   Standards     LA		

	2004 Scien	ICE
	Grade Level Expe	ectations
State	Standards	
		Use consistency and precision in data collection
LA	SCI.7.SI.8	analysis, and reporting
		Use computers and/or calculators to analyze
LA	SCI.7.SI.9	and interpret quantitative data
		Construct, use, and interpret appropriate
		graphical representations to collect, record, and
		report data (e.g., tables, charts, circle graphs,
		bar and line graphs, diagrams, scatter plots,
LA	SCI.7.SI.11	symbols)
	0	
	Grade Level Exp	ectations
State	Standards	
Otate	Otandards	Use consistency and precision in data collection
IΑ	SCL8 SL8	analysis, and reporting
	001.0.01.0	Use computers and/or calculators to analyze
LA	SCL8.SL9	and interpret quantitative data
	00	Construct, use, and interpret appropriate
		graphical representations to collect, record, and
		report data (e.g., tables, charts, circle graphs,
		bar and line graphs, diagrams, scatter plots,
LA	SCI.8.SI.11	symbols)
	Grade Level Exp	ectations
		D:(f) (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LA	SCI.9.PS.31	Differentiate between speed and velocity
		Demonstrate Newton's three laws of motion
	CCI 0 DC 24	(e.g., inertia, net force using F = ma, equal and opposite forces)
LA	301.9.23.34	Describe and demonstrate the motion of
		common objects in terms of the position of the
IΔ	SCI 0 DS 35	observer
		Differentiate between speed and velocity
LA	001.9.1 0.01	Describe and demonstrate the motion of
		common objects in terms of the position of the
1	SCI.9.PS.35	common objects in terms of the position of the
	LA  LA  State  LA  LA	LA SCI.7.SI.8  LA SCI.7.SI.9  LA SCI.7.SI.9  Smart Skii 2004 Scien Grade Level Experiment  State Standards  LA SCI.8.SI.8  LA SCI.8.SI.9  LA SCI.8.SI.11  Smart Skii 2004 Scien Grade Level Experiment  Smart Skii 2004 Scien Grade Level Experiment  State Standards  LA SCI.9.PS.31  LA SCI.9.PS.35